

	1				50
1	HHNGTNGTMM	QYFEWHL PND	GNHWNRLRDD	ASNLRNRGIT	AIWIPPAWKG
2	HHNGTNGTMM	QYFEWYLPND	GNHWNRLRDD	AANLKSKGIT	AVWIPPAWKG
3	....VNGTLM	QYFEWYTPND	GQHWKRLQND	AEHLSDIGIT	AVWIPPAYKG
4	..ANLNGTLM	QYFEWYMPND	GQHWRRLLQND	SAYLAEHGIT	AVWIPPAYKG
5	.AAPFNGTMM	QYFEWYLPDD	GTLWTKVANE	ANNLSSLGIT	ALWLPPAYKG
	51				100
1	TSQNDVG YGA	YDLYDLGEFN	QKGTVRTKYG	TRSQLES A IH	ALKNNGVQVY
2	TSQNDVG YGA	YDLYDLGEFN	QKGTVRTKYG	TRNQLQA AVT	SLKNNGIQVY
3	LSQSDNG YGP	YDLYDLGEFQ	QKGTVRTKYG	TKSELQDA IG	SLHSRNVQVY
4	TSQADV G YGA	YDLYDLGEFH	QKGTVRTKYG	TKGELQSA IK	SLHSRDIN VY
5	TSRSDVG YGV	YDLYDLGEFN	QKGTVRTKYG	TKAQYLQA IQ	AAHAAGMQVY
	101				150
1	GDVVMNHKGG	ADATENVLAV	EVNPNNRNQE	ISGDYTI EAW	TKFDFPGRGN
2	GDVVMNHKGG	ADGTEIVNAV	EVNRSNRNQE	TSGEYAIEAW	TKFDFPGRGN
3	GDVVLNHKAG	ADATEDVTAV	EVNPNARNQE	TSEYQIKAW	TDFRFPGRGN
4	GDVVINHKG G	ADATEDVTAV	EVDPADRN RV	ISGEHLIKAW	THFHFPGRGS
5	ADVVF D HKGG	ADGTEWVDAV	EVNPSDRNQE	ISGTYQIQAW	TKFDFPGRGN
	151				200
1	TYSDFKWRWY	HFDGVDWDQS	RQFQNRIYKF	RGDGKA WDWE	VDSENGNYDY
2	NHSSF KWRWY	HFDGTDWDQS	RQLQNKIYKF	RGTGKA WDWE	VDTENGN YDY
3	TYSDFKWHWY	HFDGADWDES	RKI.SRIFKF	RGEGKA WDWE	VSSENGNYDY
4	TYSDFKWHWY	HFDGTDWDES	RKL.NRIYKF	..QGKA WDWE	VSNENGNYDY
5	TYSSF KWRWY	HFDGVDWDES	RKL.SRIYKF	RGIGKA WDWE	VDTENGN YDY

Fig. 1A

	201		250
1	LMYADVDMDH	PEVVNELRRW	GEWYTNTLNL DGFRIDAVKH IKYSFTRDWL
2	LMYADVDMDH	PEVIHELNRW	GVWYTNTLNL DGFRIDAVKH IKYSFTRDWL
3	LMYADVDDYDH	PDVVAETKKW	GIWYANELSL DGFRIDAAKH IKFSFLRDWV
4	LMYADIDYDH	PDVAAEIKRW	GTWYANELQL DGFRIDAVKH IKFSFLRDWV
5	LMYADLDMDH	PEVVTELKNW	GKWYVNTTNI DGFRIDAVKH IKFSFFPDWL
	251		300
1	THVRNATGKE	MFAVAEFWKN	DLGALENYLN KTNWNHVSVD VPLHYNLYNA
2	THVRNTTGKP	MFAVAEFWKN	DLGAIENYLN KTSWNHSAFD VPLHYNLYNA
3	QAVRQATGKE	MFTVAEYWQN	NAGKLENYLN KTSFNQSVFD VPLHFNLQAA
4	NHVREKTGKE	MFTVAEYWQN	DLGALENYLN KTNFNHVSVD VPLHYQFHAA
5	SYVRSQTGKP	LFTVGEYWSY	DINKLHNYIT KTDGTMSLFD APLHNKFYTA
	301		350
1	SNSGGNYDMA	KLLNGTVVQK	HPMHAVTFVD NHDSQPGESL ESFVQEWFKP
2	SNSGGYYDMR	NILNGSVVQK	HPTHAVTFVD NHDSQPGESL ESFVQQWFKP
3	SSQGGGYDMR	RLLDGTVVSR	HPEKAVTFVE NHDTQPGQSL ESTVQTWFKP
4	STQGGGYDMR	KLLNGTVVSK	HPLKSVTFVD NHDTQPGQSL ESTVQTWFKP
5	SKSGGAFDMR	TLMTNTLMKD	QPTLAVTFVD NHDTEPGQAL QSWVDPWFKP
	351		400
1	LAYALILTRE	QGYPVVFYGD	YGIPTHS.. .VPAMKAKID PILEARQNFA
2	LAYALVLTRE	QGYPVVFYGD	YGIPTHG.. .VPAMKSKID PLLQARQTFA
3	LAYAFILTRE	SGYPQVFYGD	MYGTKGTSPK EIPSLKDNIE PILKARKEYA
4	LAYAFILTRE	SGYPQVFYGD	MYGTKGDSQR EIPALKHKIE PILKARKQYA
5	LAYAFILTRQ	EGYPCVFYGD	YGIQPYN.. .IPSLKSKID PLLIARRDYA
	401		450
1	YGTQHDYFDH	HNIIGWTREG	NTTHPNSGLA TIMSDGPGGE KWMYVGQNKA
2	YGTQHDYFDH	HDIIGWTREG	NSSHPPNSGLA TIMSDGPGGN KWMYVGKNKA
3	YGPQHDIYDH	PDVIGWTREG	DSSAAKSGLA ALITDGPGGS KRMVAGLKNA
4	YGAQHDIYFDH	HDIIGWTREG	DSSVANSGLA ALITDGPGGA KRMVYGRQNA
5	YGTQHDYLDH	SDIIGWTREG	GTEKPGSGLA ALITDGPGGS KWMYVGKQHA

**Fig. 1B**

	451				500
1	GQVWHDITGN	KPGTVTINAD	GWANFSVNGG	SVSIWVKR..	.....
2	GQVWRDITGN	RTGTVTINAD	GWGNFSVNGG	SVSVWVKQ..	.....
3	GETWYDITGN	RSDTVKIGSD	GWGEFHVNDG	SVSIYVQ...	.....
4	GETWHDITGN	RSEPVVINSE	GWGEFHVNGG	SVSIYVQR..	.....
5	GKVFYDLTGN	RSDTVVTINSD	GWGEFKVNGG	SVSVWVPRKT	TVSTIARPIT
	501		519		
1	.....	.....			
2	.....	.....			
3	.....	.....			
4	.....	.....			
5	TRPWTGEFVR	WTEPRLVAW			

**Fig. 1C**

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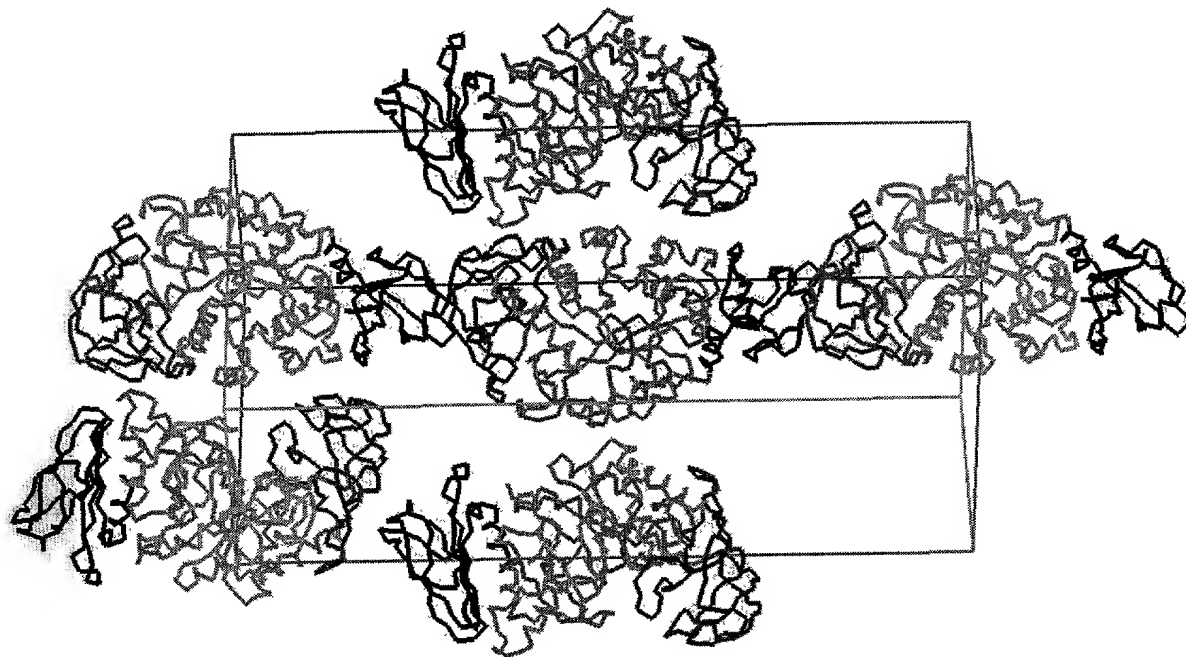


Fig. 2

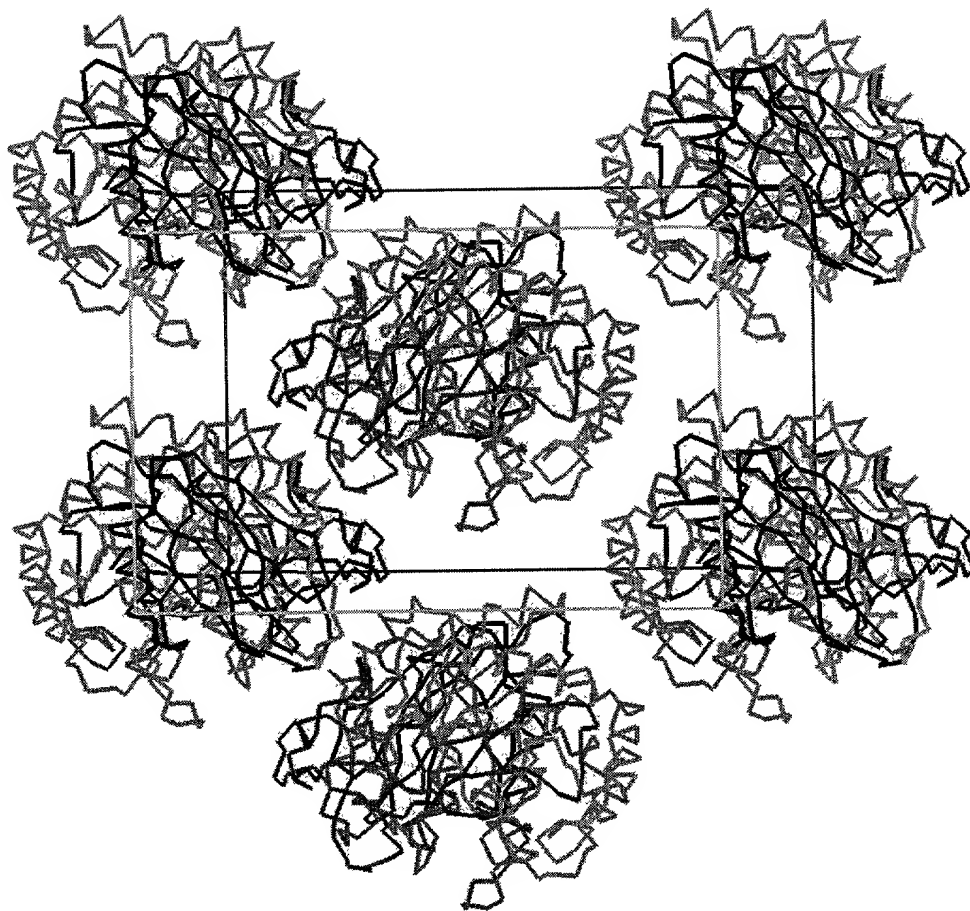


Fig. 3